

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S124	5	S122 and ESD	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/02/06 11:00
S123	4	tamura-ronald\$.in.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/02/06 10:59
S122	934	adaptec\$.as.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/02/06 10:59
S121	22	("3712995"   "3746946"   "4255672"   "4513307").PN. OR ("4766475").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2008/01/23 18:32
S120	43	S117 and @ad<="19990723"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/01/23 18:29
S119	8	S118 and @ad<="19990723"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/01/23 18:29
S118	51	S113 and ((input or output) near3 buffer) with ((space area) near5 (reduc \$4 optimiz\$5)) and (static or "ESD")	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/01/23 18:26
S117	111	S113 and ((input or output) near3 buffer) and ((space area) near5 (reduc\$4 optimiz\$5)) with (static or "ESD")	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/01/23 18:26
S116	8	S113 and ((input or output) near3 buffer) with ((space area) near5 (reduc \$4 optimiz\$5)) with (static or "ESD")	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/01/23 18:26

S115	13	S114 and @ad<="19990723"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/01/23 18:22
S114	65	S113 and (circuit buffer) with (layout arrang\$5) with (static "ESD") with ((space area) near5 (chip wafer device))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/01/23 18:21
S113	622088	("257") or ("438") or ("361").CLAS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/01/23 18:19
S112	74	S107 and (circuit buffer) with (layout arrang\$5) with ((space area) near5 (chip wafer))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/01/23 18:11
S111	10	("5641978").URPN.	USPAT	OR	ON	2008/01/23 18:09
S110	519	S109 NOT S108	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/01/23 18:08
S109	561	S107 and (circuit buffer) with (layout arrang\$5)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/01/23 18:07
S108	47	S107 and ((input or output) near3 buffer) same ((space area) near5 (chip wafer)) same ((input or output or bond) near3 pad)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/01/23 18:04
S107	755	S106 and ((input or output) near3 buffer) and ((space area) near5 (chip wafer)) and ((input or output or bond) near3 pad)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/01/23 18:03
S106	1023	S105 and semiconductor	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/01/23 18:02

S105	1243	S104 and @ad<="19990723"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/01/23 18:02
S104	3381	((input or output) near3 buffer) and ((space area) near5 chip wafer) and ((input or output or bond) near3 pad)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/01/23 18:02
S103	10	("4110775"   "4860151"   "4878145"   "5245499"   "5528447"   "5530612"   "5539334"   "5610791"   "5654858"   "6002568").PN. OR ("6236549").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2008/01/23 17:58
S102	17	S101 and buffer	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/01/23 17:56
S101	36	(US-6310379-\$ or US-7158357-\$ or US- 6025631-\$ or US-6147538-\$ or US- 6008532-\$ or US-5659189-\$ or US- 5568346-\$ or US-5869870-\$ or US- 5796171-\$ or US-6236549-\$ or US- 4855620-\$ or US-4839768-\$ or US- 6400546-\$ or US-4980799-\$ or US- 6130485-\$ or US-6807078-\$ or US- 5969929-\$ or US-6078068-\$ or US- 3676742-\$ or US-6979908-\$ or US- 6388857-\$ or US-5436183-\$ or US- 5514892-\$ or US-5838033-\$ or US- 6130811-\$ or US-6734093-\$).did. or (US- 6784558-\$ or US-4806999-\$ or US- 6236073-\$ or US-6586290-\$ or US- 6717270-\$ or US-6157065-\$ or US- 6043539-\$ or US-5838043-\$ or US- 5652689-\$ or US-6388851-\$).did.	USPAT	OR	ON	2008/01/23 17:56
S100	154	S99 NOT S90	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/01/23 11:57
S99	415	S98 and ((bond input output) near3 pad)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/01/23 11:57
S98	885	S97 and (static or "ESD")	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/01/23 11:57

S97	3270	S96 and @ad<="19990723"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/01/23 11:57
S96	6989	((257/355,786) or (361/56)).OCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/01/23 11:57
		"L21" and (static or "ESD")	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/01/23 11:57
S95	15	("4710791"   "4730208"   "4806999"   "4876584"   "5196913"   "5304839"   "5432368"   "5468993"   "5514892"   "5615073"   "5748425"   "5808343"   "5821572").PN. OR ("6388851").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2008/01/23 11:55
S94	23	("3673427"   "3676742"   "4509067"   "4605980").PN. OR ("4806999").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2008/01/23 11:52
S93	16	("4733285"   "4803541"   "4806999"   "5182220"   "5359211"   "5473169").PN. OR ("5838043").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2008/01/23 11:51
S92	16	("5410254"   "5712753"   "5715127"   "5818086").PN. OR ("6043539").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2008/01/23 11:40
S91	26	("5516717"   "5517048"   "5646808"   "5721439"   "5838043"   "5962876"   "6025631"   "6064093"   "6064094"   "6064095").PN. OR ("6157065").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2008/01/23 11:38
S90	311	S89 and @ad<="19990723"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/01/23 11:14
S89	904	S87 and ((bond input output) near3 pad) with (static or "ESD")	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/01/23 11:14
S88	1469	S87 and ((bond input output) near3 pad)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/01/23 11:13
S87	3465	S86 and (static or "ESD")	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/01/23 11:13

S86	15868	((257/202-203,355-357,786) or (361/56,91.5-91.6) or (327/564-566) or (438/200,210,614)).COLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/01/23 11:12
S85	23	("3673427"   "3676742"   "4509067"   "4605980").PN. OR ("4806999").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2008/01/22 14:50
S84	10	("5365091"   "5548135"   "5760428"   "5777354"   "5889713"   "5943254"   "6078068"   "6078514"   "6130484"   "6362497").PN. OR ("6807078").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2008/01/22 14:32
S83	13	("5719449"   "5796171"   "5828400"   "5962926"   "6031258"   "6037654"   "6078068"   "6204567"   "6242814"   "6258560"   "6307271"   "6323548").PN. OR ("6784558").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2008/01/22 14:31
S82	4	("5986343"   "6025631").PN. OR ("6734093").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2008/01/22 13:56
S81	25	("4855620"   "4896243"   "5404041"   "5450267"   "5468667"   "5528188"   "5637892"   "5719427"   "5726478"   "5818088"   "5936282").PN. OR ("6310379").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2008/01/22 13:55
S80	17	("5479039"   "5610790"   "5729419").PN. OR ("6130811").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2008/01/22 13:54
S79	42	("4559579"   "4893168"   "4945395"   "5019889"   "5063429"   "5087955"   "5347150"   "5365091"   "5581202"   "5593927"   "5602406"   "5672895"   "5773854"   "5940258"   "5955764").PN. OR ("6078068").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2008/01/22 13:54
S78	15	("4717684"   "4806999"   "4821089"   "4830976"   "4990802"   "5051860"   "5157573").PN. OR ("5838033").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2008/01/22 13:53
S77	21	("5514892").URPN.	USPAT	OR	ON	2008/01/22 13:43
S76	34	("3676742"   "3819952"   "4551779"   "4605980"   "4616243"   "4727405"   "4807080"   "4893157"   "5027252"   "5051860"   "5141898"   "5158899"   "5166089").PN. OR ("5436183").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2008/01/22 13:40
S75	15	S73 or S74	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/01/22 13:38
S74	7	S72 and (bondpad or bond adj pad or surface adj pad) with (above under) with (static "ESD")	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/01/22 13:38

S73	:9	S72 and (bondpad or bond adj pad or surface adj pad) with (below underneath over) with (static "ESD")	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/01/22 13:38
S72	:321533	S71 and @ad<="19990723"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/01/22 13:37
		("L5and@ad<="19990723").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/01/22 13:37
S71	:634759	("257") or ("438") or ("361") or ("716")).CLAS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/01/22 13:36
S70	:112	S69 and static	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/01/22 13:16
S69	:262	sato-hirotoshi\$.in. or ohbayashi-shigeki\$.in.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/01/22 13:15
S68	:9	"4819047"   "5610791"   "5945713"   "5986863"   "5991134"   "6104588").PN. OR ("6388857").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2008/01/22 13:11
S67	:2	("6388857").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/01/22 13:10
S66	:26	("20010036050"   "20020121668"   "20030089951"   "4750081"   "4825107"   "5017993"   "5329143"   "5347150"   "5436183"   "5714784"   "5767551"   "5804861"   "5838050"   "6124143"   "6147538"   "6198136"   "6303977"   "6373109"   "6388851"   "6388857"   "6424168"   "6478976"   "6495442"   "6552594"   "6566715"   "6593218").PN. OR ("6979908").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2008/01/09 12:19

S65	:2	("6979908").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/01/09 11:30
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